Safety & Maintenance Inspection: Motor Graders

SAFETY.CAT.COM™

Operator/Inspector_____ Date_____ Time_____
Serial Number_____ Machine Hours_____

What are you inspecting?	✓	What are you looking for?	✓	Evaluator Comments

For more information, please refer to the Operation and Maintenance Manual or any other applicable manuals and instructions for this product. If you have questions, please contact your local Caterpillar dealer.

FROM GROUND

Steps And Handholds		Condition and cleanliness		
Tires, Lug Nuts, Brakes		Inflation, damage, stem covers		
Tandem housings		Trash, dirt buildup, leaks		
Articulation area		Trash or dirt buildup		
Air reservoir		Drain water and sediment		
Transmission		Leaks		
Underneath Of Machine		Differential and tandem leaks		
Hydraulic Oil Tank		Fluid level, damage, leaks		
Covers and guards		Damage, secured		
Batteries & Hold Downs		Cleanliness, loose bolts & nuts		
Fuel Tank		Fuel level, damage, leaks; drain water and sediment		
Hydraulic cylinders, tubes, hoses and fittings		Damage, leaks		
Circle drive		Leaks		
Front wheel spindle bearings		Leaks		
All wheel drive motors		Damage, leaks		
Blade linkage		Damage, loose or missing bolts		
Blade and end bits		Excessive wear or damage		
Overall Machine		Loose or missing nuts & bolts, Loose guards, cleanliness		

ENGINE COMPARTMENT

Engine Oil		Fluid level		
Engine Coolant		Fluid level		
Engine Precleaner		Dirt buildup		
Air Filter		Restriction indicator		
Radiator		Fin blockage, leaks		
All Hoses		Cracks, wear spots, leaks		
All Belts		Tightness, wear, cracks		
Overall Engine Compartment		Trash or dirt buildup, leaks		

ON THE MACHINE, OUTSIDE THE CAB

Lights, lenses		Damage, cleanliness		
Mirrors, windows		Damage, cleanliness		
Windshield Wipers & Washers		Wear, damage, fluid level		

INSIDE THE CAB

ROPS		Damage		
Seat		Adjustment, pedal travel		
Seat Belt & Mounting		Damage, wear, adjustment		
Fire Extinguisher		Charge, damage		
Horn, backup alarm, lights		Proper Function		
Controls, gauge lenses		Damage, cleanliness, operational		
Overall Cab Interior		Cleanliness		

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